

| |
|-----------------|
| n-Butane 58.12 |
| n-Octane 114.23 |

| Frame | Time | n-Butane | | n-Octane | | Alkane (ppb) | 2-Sigma (ppb) | Mean Mol. Mass (g/mole) |
|-------|----------|---------------------|-----------|---------------------|-----------|--------------|---------------|-------------------------|
| | | Concentration (ppb) | GOF (ppb) | Concentration (ppb) | GOF (ppb) | | | |
| 1 | 10:36:56 | N.D. | 21.0 | N.D. | 12.0 | N.D. | 24.2 | N.D. |
| 2 | 10:38:13 | N.D. | 20.0 | N.D. | 11.0 | N.D. | 22.8 | N.D. |
| 3 | 10:39:28 | N.D. | 19.0 | N.D. | 11.0 | N.D. | 22.0 | N.D. |
| 4 | 10:40:45 | N.D. | 19.0 | N.D. | 10.0 | N.D. | 21.5 | N.D. |
| 5 | 10:42:01 | N.D. | 16.0 | N.D. | 8.8 | N.D. | 18.3 | N.D. |
| 6 | 10:43:17 | N.D. | 16.0 | N.D. | 8.9 | N.D. | 18.3 | N.D. |
| 7 | 10:44:33 | N.D. | 16.0 | N.D. | 8.5 | N.D. | 18.1 | N.D. |
| 8 | 10:45:50 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 9 | 10:46:49 | N.D. | 12.0 | N.D. | 6.8 | N.D. | 13.8 | N.D. |
| 10 | 10:48:06 | 27.6 | 12.0 | N.D. | 6.7 | 27.6 | 12.0 | 58.1 |
| 11 | 10:49:22 | 46.8 | 13.0 | N.D. | 7.1 | 46.8 | 13.0 | 58.1 |
| 12 | 10:50:39 | 40.8 | 9.7 | N.D. | 5.3 | 40.8 | 9.7 | 58.1 |
| 13 | 10:51:55 | N.D. | 11.0 | N.D. | 6.1 | N.D. | 12.6 | N.D. |
| 14 | 10:53:10 | N.D. | 11.0 | N.D. | 5.9 | N.D. | 12.5 | N.D. |
| 15 | 10:54:28 | N.D. | 11.0 | N.D. | 6.1 | N.D. | 12.6 | N.D. |
| 16 | 10:55:45 | N.D. | 9.9 | N.D. | 5.4 | N.D. | 11.3 | N.D. |
| 17 | 10:57:03 | N.D. | 11.0 | N.D. | 5.8 | N.D. | 12.4 | N.D. |
| 18 | 10:58:19 | N.D. | 9.9 | N.D. | 5.4 | N.D. | 11.3 | N.D. |
| 19 | 10:59:36 | N.D. | 8.1 | N.D. | 4.5 | N.D. | 9.3 | N.D. |
| 20 | 11:00:52 | N.D. | 9.4 | N.D. | 5.2 | N.D. | 10.7 | N.D. |
| 21 | 11:02:09 | N.D. | 9.4 | N.D. | 5.2 | N.D. | 10.7 | N.D. |
| 22 | 11:03:24 | N.D. | 9.1 | N.D. | 5.0 | N.D. | 10.4 | N.D. |
| 23 | 11:04:41 | N.D. | 8.9 | N.D. | 4.9 | N.D. | 10.2 | N.D. |
| 24 | 11:05:55 | N.D. | 8.4 | N.D. | 4.6 | N.D. | 9.6 | N.D. |
| 25 | 11:07:12 | N.D. | 7.5 | N.D. | 4.1 | N.D. | 8.5 | N.D. |
| 26 | 11:08:30 | N.D. | 7.8 | N.D. | 4.3 | N.D. | 8.9 | N.D. |
| 27 | 11:09:45 | N.D. | 7.7 | N.D. | 4.2 | N.D. | 8.8 | N.D. |
| 28 | 11:11:02 | N.D. | 7.8 | N.D. | 4.3 | N.D. | 8.9 | N.D. |
| 29 | 11:12:20 | N.D. | 8.0 | N.D. | 4.4 | N.D. | 9.1 | N.D. |
| 30 | 11:13:36 | N.D. | 8.3 | N.D. | 4.6 | N.D. | 9.5 | N.D. |
| 31 | 11:14:52 | N.D. | 8.2 | N.D. | 4.5 | N.D. | 9.4 | N.D. |
| 32 | 11:16:08 | N.D. | 8.3 | N.D. | 4.6 | N.D. | 9.5 | N.D. |
| 33 | 11:17:25 | N.D. | 8.3 | N.D. | 4.6 | N.D. | 9.5 | N.D. |
| 34 | 11:18:42 | N.D. | 7.9 | N.D. | 4.3 | N.D. | 9.0 | N.D. |
| 35 | 11:19:59 | N.D. | 6.8 | N.D. | 3.8 | N.D. | 7.8 | N.D. |
| 36 | 11:21:16 | N.D. | 7.1 | N.D. | 3.9 | N.D. | 8.1 | N.D. |
| 37 | 11:22:33 | N.D. | 6.4 | N.D. | 3.5 | N.D. | 7.3 | N.D. |
| 38 | 11:23:50 | N.D. | 7.3 | N.D. | 4.0 | N.D. | 8.3 | N.D. |
| 39 | 11:25:06 | 15.8 | 6.8 | N.D. | 3.8 | 15.8 | 6.8 | 58.1 |
| 40 | 11:26:21 | N.D. | 6.6 | N.D. | 3.6 | N.D. | 7.5 | N.D. |
| 41 | 11:27:37 | N.D. | 6.3 | N.D. | 3.5 | N.D. | 7.2 | N.D. |
| 42 | 11:28:54 | 16.3 | 6.2 | N.D. | 3.4 | 16.3 | 6.2 | 58.1 |
| 43 | 11:30:09 | 15.1 | 5.7 | N.D. | 3.1 | 15.1 | 5.7 | 58.1 |
| 44 | 11:31:24 | 22.6 | 5.1 | N.D. | 2.8 | 22.6 | 5.1 | 58.1 |
| 45 | 11:32:42 | N.D. | 5.3 | N.D. | 2.9 | N.D. | 6.0 | N.D. |
| 46 | 11:33:58 | N.D. | 5.2 | N.D. | 2.8 | N.D. | 5.9 | N.D. |
| 47 | 11:35:15 | 12.9 | 5.2 | N.D. | 2.8 | 12.9 | 5.2 | 58.1 |
| 48 | 11:36:33 | 14.7 | 5.7 | N.D. | 3.1 | 14.7 | 5.7 | 58.1 |

| Frame | Time | n-Butane | | n-Octane | | Alkane (ppb) | 2-Sigma (ppb) | Mean |
|-------|----------|---------------------|-----------|---------------------|-----------|--------------|---------------|--------------------|
| | | Concentration (ppb) | GOF (ppb) | Concentration (ppb) | GOF (ppb) | | | Mol. Mass (g/mole) |
| 49 | 11:37:51 | 22.8 | 6.3 | N.D. | 3.5 | 22.8 | 6.3 | 58.1 |
| 50 | 11:39:08 | 13.1 | 6.1 | N.D. | 3.3 | 13.1 | 6.1 | 58.1 |
| 51 | 11:40:25 | N.D. | 4.9 | N.D. | 2.7 | N.D. | 5.6 | N.D. |
| 52 | 11:41:42 | N.D. | 4.7 | N.D. | 2.6 | N.D. | 5.4 | N.D. |
| 53 | 11:42:57 | 9.8 | 4.6 | N.D. | 2.5 | 9.8 | 4.6 | 58.1 |
| 54 | 11:44:14 | N.D. | 4.6 | N.D. | 2.5 | N.D. | 5.2 | N.D. |
| 55 | 11:45:32 | N.D. | 4.4 | N.D. | 2.4 | N.D. | 5.0 | N.D. |
| 56 | 11:46:48 | N.D. | 4.2 | N.D. | 2.3 | N.D. | 4.8 | N.D. |
| 57 | 11:48:05 | N.D. | 4.2 | N.D. | 2.3 | N.D. | 4.8 | N.D. |
| 58 | 11:49:21 | N.D. | 4.8 | N.D. | 2.7 | N.D. | 5.5 | N.D. |
| 59 | 11:50:37 | N.D. | 5.0 | N.D. | 2.7 | N.D. | 5.7 | N.D. |
| 60 | 11:51:54 | N.D. | 4.6 | N.D. | 2.6 | N.D. | 5.3 | N.D. |
| 61 | 11:53:10 | N.D. | 3.9 | N.D. | 2.2 | N.D. | 4.5 | N.D. |
| 62 | 11:54:28 | N.D. | 4.7 | N.D. | 2.6 | N.D. | 5.4 | N.D. |
| 63 | 11:55:45 | N.D. | 3.9 | N.D. | 2.1 | N.D. | 4.4 | N.D. |
| 64 | 11:57:01 | N.D. | 4.8 | N.D. | 2.7 | N.D. | 5.5 | N.D. |
| 65 | 11:58:19 | N.D. | 4.2 | N.D. | 2.3 | N.D. | 4.8 | N.D. |
| 66 | 11:59:36 | N.D. | 3.9 | N.D. | 2.2 | N.D. | 4.5 | N.D. |
| 67 | 12:00:53 | N.D. | 6.6 | N.D. | 3.6 | N.D. | 7.5 | N.D. |
| 68 | 12:02:09 | N.D. | 5.8 | N.D. | 3.2 | N.D. | 6.6 | N.D. |
| 69 | 12:03:26 | N.D. | 4.6 | N.D. | 2.5 | N.D. | 5.2 | N.D. |
| 70 | 12:04:43 | 15.4 | 5.1 | N.D. | 2.8 | 15.4 | 5.1 | 58.1 |
| 71 | 12:05:59 | 10.1 | 3.9 | N.D. | 2.1 | 10.1 | 3.9 | 58.1 |
| 72 | 12:07:16 | N.D. | 4.4 | N.D. | 2.4 | N.D. | 5.0 | N.D. |
| 73 | 12:08:34 | N.D. | 4.2 | N.D. | 2.3 | N.D. | 4.8 | N.D. |
| 74 | 12:09:50 | 9.5 | 4.6 | N.D. | 2.5 | 9.5 | 4.6 | 58.1 |
| 75 | 12:11:07 | N.D. | 4.8 | N.D. | 2.7 | N.D. | 5.5 | N.D. |
| 76 | 12:12:23 | 12.2 | 5.0 | N.D. | 2.8 | 12.2 | 5.0 | 58.1 |
| 77 | 12:13:41 | N.D. | 4.2 | N.D. | 2.3 | N.D. | 4.8 | N.D. |
| 78 | 12:14:59 | N.D. | 5.3 | N.D. | 2.9 | N.D. | N.D. | N.D. |
| 79 | 12:16:17 | N.D. | 4.7 | N.D. | 2.6 | N.D. | N.D. | N.D. |
| 80 | 12:17:34 | N.D. | 4.7 | N.D. | 2.6 | N.D. | N.D. | N.D. |
| 81 | 12:18:52 | N.D. | 4.8 | N.D. | 2.7 | N.D. | N.D. | N.D. |
| 82 | 12:20:08 | N.D. | 5.3 | N.D. | 2.9 | N.D. | N.D. | N.D. |
| 83 | 12:21:26 | 13.4 | 6.0 | N.D. | 3.3 | 13.4 | 6.0 | 58.1 |
| 84 | 12:22:43 | N.D. | 4.8 | N.D. | 2.7 | | 5.5 | N.D. |
| 85 | 12:23:59 | 17.0 | 5.1 | N.D. | 2.8 | 17.0 | 5.1 | 58.1 |
| 86 | 12:25:16 | 11.3 | 5.5 | N.D. | 3.0 | 11.3 | 5.5 | 58.1 |
| 87 | 12:26:32 | N.D. | 5.5 | N.D. | 3.0 | N.D. | 6.3 | N.D. |
| 88 | 12:27:51 | N.D. | 6.0 | N.D. | 3.3 | N.D. | 6.8 | N.D. |
| 89 | 12:29:07 | 15.0 | 5.0 | N.D. | 2.8 | 15.0 | 5.0 | 58.1 |
| 90 | 12:30:25 | 21.3 | 5.6 | N.D. | 3.1 | 21.3 | 5.6 | 58.1 |
| 91 | 12:31:41 | 31.4 | 5.4 | N.D. | 3.0 | 31.4 | 5.4 | 58.1 |
| 92 | 12:32:58 | 23.8 | 6.2 | N.D. | 3.4 | 23.8 | 6.2 | 58.1 |
| 93 | 12:34:14 | 31.5 | 6.1 | N.D. | 3.4 | 31.5 | 6.1 | 58.1 |
| 94 | 12:35:31 | 27.6 | 5.3 | N.D. | 2.9 | 27.6 | 5.3 | 58.1 |
| 95 | 12:36:47 | 41.3 | 6.5 | N.D. | 3.6 | 41.3 | 6.5 | 58.1 |
| 96 | 12:38:03 | 23.5 | 6.5 | N.D. | 3.6 | 23.5 | 6.5 | 58.1 |
| 97 | 12:39:21 | N.D. | 4.5 | N.D. | 2.5 | N.D. | 5.1 | N.D. |
| 98 | 12:40:39 | N.D. | 5.4 | N.D. | 3.0 | N.D. | 6.2 | N.D. |
| 99 | 12:41:56 | 19.2 | 5.0 | N.D. | 2.7 | 19.2 | 5.0 | 58.1 |
| 100 | 12:43:13 | 15.5 | 5.2 | N.D. | 2.8 | 15.5 | 5.2 | 58.1 |

| Frame | Time | n-Butane | | n-Octane | | Alkane (ppb) | 2-Sigma (ppb) | Mean Mol. Mass (g/mole) |
|-------|----------|---------------------|-----------|---------------------|-----------|--------------|---------------|-------------------------|
| | | Concentration (ppb) | GOF (ppb) | Concentration (ppb) | GOF (ppb) | | | (g/mole) |
| 101 | 12:44:29 | 15.1 | 6.1 | N.D. | 3.3 | 15.1 | 6.1 | 58.1 |
| 102 | 12:45:47 | 17.0 | 5.3 | N.D. | 2.9 | 17.0 | 5.3 | 58.1 |
| 103 | 12:47:04 | 20.6 | 6.4 | N.D. | 3.5 | 20.6 | 6.4 | 58.1 |
| 104 | 12:48:19 | N.D. | 6.6 | N.D. | 3.6 | N.D. | 7.5 | N.D. |
| 105 | 12:49:37 | N.D. | 4.7 | N.D. | 2.6 | N.D. | 5.4 | N.D. |
| 106 | 12:50:54 | N.D. | 3.9 | N.D. | 2.1 | N.D. | 4.4 | N.D. |
| 107 | 12:52:10 | N.D. | 4.3 | N.D. | 2.4 | N.D. | 4.9 | N.D. |
| 108 | 12:53:29 | N.D. | 4.6 | N.D. | 2.6 | N.D. | 5.3 | N.D. |
| 109 | 12:54:46 | N.D. | 11.0 | N.D. | 5.9 | N.D. | 12.5 | N.D. |
| 110 | 12:55:47 | 14.8 | 5.3 | N.D. | 2.9 | 14.8 | 5.3 | 58.1 |
| 111 | 12:57:05 | N.D. | 11.0 | N.D. | 6.1 | N.D. | 12.6 | N.D. |
| 112 | 12:58:23 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 113 | 12:59:24 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 114 | 13:00:25 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 115 | 13:01:25 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 116 | 13:02:25 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 117 | 13:03:25 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 118 | 13:04:25 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 119 | 13:05:25 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 120 | 13:06:25 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 121 | 13:07:26 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 122 | 13:08:26 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 123 | 13:09:26 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 124 | 13:10:27 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 125 | 13:11:27 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 126 | 13:12:27 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 127 | 13:13:27 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 128 | 13:14:27 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 129 | 13:15:28 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 130 | 13:16:28 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 131 | 13:17:28 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 132 | 13:18:29 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 133 | 13:19:28 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 134 | 13:20:28 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 135 | 13:21:29 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 136 | 13:22:29 | 8.1 | 3.8 | N.D. | 2.1 | 8.1 | 3.8 | 58.1 |
| 137 | 13:23:47 | N.D. | 4.8 | N.D. | 2.7 | N.D. | 5.5 | N.D. |
| 138 | 13:25:06 | N.D. | 3.7 | N.D. | 2.0 | N.D. | 4.2 | N.D. |
| 139 | 13:26:24 | N.D. | 4.0 | N.D. | 2.2 | N.D. | 4.6 | N.D. |
| 140 | 13:27:40 | N.D. | 6.1 | 6.6 | 3.3 | 6.6 | 3.3 | 114.2 |
| 141 | 13:28:59 | N.D. | 3.4 | N.D. | 1.9 | N.D. | 3.9 | N.D. |
| 142 | 13:30:16 | N.D. | 3.9 | N.D. | 2.2 | N.D. | 4.5 | N.D. |
| 143 | 13:31:32 | N.D. | 4.2 | N.D. | 2.3 | N.D. | 4.8 | N.D. |
| 144 | 13:32:51 | N.D. | 3.5 | N.D. | 2.0 | N.D. | 4.0 | N.D. |
| 145 | 13:34:07 | 10.3 | 4.1 | N.D. | 2.3 | 10.3 | 4.1 | 58.1 |
| 146 | 13:35:24 | N.D. | 5.6 | N.D. | 3.1 | N.D. | 6.4 | N.D. |
| 147 | 13:36:42 | N.D. | 3.4 | N.D. | 1.9 | N.D. | 3.9 | N.D. |
| 148 | 13:37:59 | N.D. | 3.8 | N.D. | 2.1 | N.D. | 4.3 | N.D. |
| 149 | 13:39:16 | N.D. | 3.3 | N.D. | 1.8 | N.D. | 3.8 | N.D. |
| 150 | 13:40:33 | 15.5 | 3.8 | N.D. | 2.1 | 15.5 | 3.8 | 58.1 |
| 151 | 13:41:50 | 26.6 | 3.6 | N.D. | 2.0 | 26.6 | 3.6 | 58.1 |
| 152 | 13:43:08 | N.D. | 3.8 | N.D. | 2.1 | N.D. | 4.3 | N.D. |

| Frame | Time | n-Butane | | n-Octane | | Alkane (ppb) | 2-Sigma (ppb) | Mean Mol. Mass (g/mole) |
|-------|----------|---------------------|-----------|---------------------|-----------|--------------|---------------|-------------------------|
| | | Concentration (ppb) | GOF (ppb) | Concentration (ppb) | GOF (ppb) | | | (g/mole) |
| 153 | 13:44:26 | N.D. | 4.3 | N.D. | 2.4 | N.D. | 4.9 | N.D. |
| 154 | 13:45:45 | N.D. | 4.5 | N.D. | 2.5 | N.D. | 5.1 | N.D. |
| 155 | 13:47:01 | 8.6 | 3.9 | N.D. | 2.1 | 8.6 | 3.9 | 58.1 |
| 156 | 13:48:19 | 23.3 | 4.3 | N.D. | 2.3 | 23.3 | 4.3 | 58.1 |
| 157 | 13:49:38 | N.D. | 3.6 | N.D. | 2.0 | N.D. | 4.1 | N.D. |
| 158 | 13:50:54 | N.D. | 3.9 | N.D. | 2.1 | N.D. | 4.4 | N.D. |
| 159 | 13:52:12 | 13.5 | 4.0 | N.D. | 2.2 | 13.5 | 4.0 | 58.1 |
| 160 | 13:53:29 | 13.6 | 3.5 | N.D. | 1.9 | 13.6 | 3.5 | 58.1 |
| 161 | 13:54:47 | N.D. | 4.7 | N.D. | 2.6 | N.D. | 5.4 | N.D. |
| 162 | 13:56:04 | N.D. | 4.2 | N.D. | 2.3 | N.D. | 4.8 | N.D. |
| 163 | 13:57:22 | N.D. | 4.3 | N.D. | 2.3 | N.D. | 4.9 | N.D. |
| 164 | 13:58:40 | N.D. | 4.6 | N.D. | 2.5 | N.D. | 5.2 | N.D. |
| 165 | 13:59:57 | N.D. | 4.6 | N.D. | 2.6 | N.D. | 5.3 | N.D. |
| 166 | 14:01:16 | N.D. | 5.9 | N.D. | 3.2 | N.D. | 6.7 | N.D. |
| 167 | 14:02:33 | 13.3 | 5.3 | N.D. | 2.9 | 13.3 | 5.3 | 58.1 |
| 168 | 14:03:51 | 14.3 | 5.7 | N.D. | 3.1 | 14.3 | 5.7 | 58.1 |
| 169 | 14:05:09 | N.D. | 5.0 | N.D. | 2.8 | N.D. | 5.7 | N.D. |
| 170 | 14:06:27 | 13.8 | 4.2 | N.D. | 2.3 | 13.8 | 4.2 | 58.1 |
| 171 | 14:07:44 | 12.6 | 5.0 | N.D. | 2.8 | 12.6 | 5.0 | 58.1 |
| 172 | 14:09:03 | N.D. | 5.3 | N.D. | 2.9 | N.D. | 6.0 | N.D. |
| 173 | 14:10:19 | 7.2 | 3.5 | N.D. | 1.9 | 7.2 | 3.5 | 58.1 |
| 174 | 14:11:37 | N.D. | 4.8 | N.D. | 2.6 | N.D. | 5.5 | N.D. |
| 175 | 14:12:55 | 9.2 | 4.4 | N.D. | 2.4 | 9.2 | 4.4 | 58.1 |
| 176 | 14:14:14 | 13.5 | 3.6 | N.D. | 2.0 | 13.5 | 3.6 | 58.1 |
| 177 | 14:15:32 | 17.4 | 5.2 | N.D. | 2.9 | 17.4 | 5.2 | 58.1 |
| 178 | 14:16:50 | 20.5 | 5.8 | N.D. | 3.2 | 20.5 | 5.8 | 58.1 |
| 179 | 14:18:07 | 10.2 | 3.8 | N.D. | 2.1 | 10.2 | 3.8 | 58.1 |
| 180 | 14:19:25 | 9.3 | 3.9 | N.D. | 2.1 | 9.3 | 3.9 | 58.1 |
| 181 | 14:20:43 | 26.1 | 4.3 | 7.0 | 2.4 | 33.0 | 4.9 | 70.0 |
| 182 | 14:22:02 | 22.0 | 4.0 | N.D. | 2.2 | 22.0 | 4.0 | 58.1 |
| 183 | 14:23:20 | 28.7 | 3.8 | 4.2 | 2.1 | 33.0 | 4.3 | 65.3 |
| 184 | 14:24:38 | 24.8 | 4.8 | N.D. | 2.6 | 24.8 | 4.8 | 58.1 |
| 185 | 14:25:58 | 24.5 | 4.7 | N.D. | 2.6 | 24.5 | 4.7 | 58.1 |
| 186 | 14:27:15 | 12.7 | 3.8 | N.D. | 2.1 | 12.7 | 3.8 | 58.1 |
| 187 | 14:28:33 | N.D. | 4.1 | N.D. | 2.3 | N.D. | 4.7 | N.D. |
| 188 | 14:29:51 | 11.3 | 3.1 | N.D. | 1.7 | 11.3 | 3.1 | 58.1 |
| 189 | 14:31:08 | 18.7 | 4.5 | N.D. | 2.5 | 18.7 | 4.5 | 58.1 |
| 190 | 14:32:26 | N.D. | 3.9 | N.D. | 2.2 | N.D. | 4.5 | N.D. |
| 191 | 14:33:43 | 14.9 | 4.6 | N.D. | 2.5 | 14.9 | 4.6 | 58.1 |
| 192 | 14:34:59 | 14.1 | 4.5 | N.D. | 2.5 | 14.1 | 4.5 | 58.1 |
| 193 | 14:36:16 | 9.2 | 4.0 | N.D. | 2.2 | 9.2 | 4.0 | 58.1 |
| 194 | 14:37:34 | N.D. | 5.5 | N.D. | 3.0 | N.D. | 6.3 | N.D. |
| 195 | 14:38:52 | 21.7 | 3.7 | N.D. | 2.1 | 21.7 | 3.7 | 58.1 |
| 196 | 14:40:09 | 24.7 | 3.8 | N.D. | 2.1 | 24.7 | 3.8 | 58.1 |
| 197 | 14:41:27 | 20.8 | 4.5 | N.D. | 2.4 | 20.8 | 4.5 | 58.1 |
| 198 | 14:42:45 | N.D. | 3.5 | N.D. | 1.9 | N.D. | 4.0 | N.D. |
| 199 | 14:44:03 | 13.9 | 4.3 | N.D. | 2.4 | 13.9 | 4.3 | 58.1 |
| 200 | 14:45:20 | 11.2 | 3.2 | N.D. | 1.8 | 11.2 | 3.2 | 58.1 |
| 201 | 14:46:38 | 13.2 | 3.2 | N.D. | 1.7 | 13.2 | 3.2 | 58.1 |
| 202 | 14:47:55 | N.D. | 3.2 | N.D. | 1.7 | N.D. | 3.6 | N.D. |
| 203 | 14:49:11 | 11.7 | 3.0 | N.D. | 1.6 | 11.7 | 3.0 | 58.1 |
| 204 | 14:50:29 | N.D. | 3.9 | N.D. | 2.2 | N.D. | 4.5 | N.D. |

| Frame | Time | n-Butane | | n-Octane | | Alkane (ppb) | 2-Sigma (ppb) | Mean |
|-------|----------|---------------------|-----------|---------------------|-----------|--------------|---------------|--------------------|
| | | Concentration (ppb) | GOF (ppb) | Concentration (ppb) | GOF (ppb) | | | Mol. Mass (g/mole) |
| 205 | 14:51:47 | N.D. | 3.4 | N.D. | 1.9 | N.D. | 3.9 | N.D. |
| 206 | 14:53:04 | N.D. | 3.5 | N.D. | 1.9 | N.D. | 4.0 | N.D. |
| 207 | 14:54:23 | N.D. | 2.9 | N.D. | 1.6 | N.D. | 3.3 | N.D. |
| 208 | 14:55:41 | N.D. | 3.5 | N.D. | 1.9 | N.D. | 4.0 | N.D. |
| 209 | 14:56:58 | N.D. | 3.2 | N.D. | 1.7 | N.D. | 3.6 | N.D. |
| 210 | 14:58:16 | N.D. | 3.7 | N.D. | 2.0 | N.D. | 4.2 | N.D. |
| 211 | 14:59:34 | N.D. | 3.3 | N.D. | 1.8 | N.D. | 3.8 | N.D. |
| 212 | 15:00:54 | N.D. | 4.6 | N.D. | 2.6 | N.D. | 5.3 | N.D. |
| 213 | 15:02:10 | N.D. | 3.4 | N.D. | 1.9 | N.D. | 3.9 | N.D. |
| 214 | 15:03:28 | N.D. | 4.1 | N.D. | 2.2 | N.D. | 4.7 | N.D. |
| 215 | 15:04:45 | 10.6 | 3.7 | N.D. | 2.1 | 10.6 | 3.7 | 58.1 |
| 216 | 15:06:01 | 10.3 | 3.8 | N.D. | 2.1 | 10.3 | 3.8 | 58.1 |
| 217 | 15:07:20 | 7.5 | 3.6 | N.D. | 2.0 | 7.5 | 3.6 | 58.1 |
| 218 | 15:08:38 | N.D. | 3.2 | N.D. | 1.8 | N.D. | 3.7 | N.D. |
| 219 | 15:09:55 | N.D. | 3.1 | N.D. | 1.7 | N.D. | 3.5 | N.D. |
| 220 | 15:11:11 | N.D. | 4.4 | N.D. | 2.4 | N.D. | 5.0 | N.D. |
| 221 | 15:12:29 | N.D. | 4.3 | N.D. | 2.3 | N.D. | 4.9 | N.D. |
| 222 | 15:13:47 | N.D. | 3.5 | N.D. | 1.9 | N.D. | 4.0 | N.D. |
| 223 | 15:15:06 | N.D. | 3.5 | N.D. | 1.9 | N.D. | 4.0 | N.D. |
| 224 | 15:16:25 | 11.4 | 4.2 | N.D. | 2.3 | 11.4 | 4.2 | 58.1 |
| 225 | 15:17:44 | 16.0 | 3.7 | N.D. | 2.0 | 16.0 | 3.7 | 58.1 |
| 226 | 15:19:01 | 13.2 | 3.2 | N.D. | 1.8 | 13.2 | 3.2 | 58.1 |
| 227 | 15:20:19 | 15.2 | 3.3 | N.D. | 1.8 | 15.2 | 3.3 | 58.1 |
| 228 | 15:21:38 | 13.3 | 3.6 | N.D. | 2.0 | 13.3 | 3.6 | 58.1 |
| 229 | 15:22:56 | 10.7 | 3.8 | N.D. | 2.1 | 10.7 | 3.8 | 58.1 |
| 230 | 15:24:14 | N.D. | 4.2 | N.D. | 2.3 | N.D. | 4.8 | N.D. |
| 231 | 15:25:32 | N.D. | 3.1 | N.D. | 1.7 | N.D. | 3.5 | N.D. |
| 232 | 15:26:49 | N.D. | 2.8 | N.D. | 1.6 | N.D. | 3.2 | N.D. |
| 233 | 15:28:07 | N.D. | 2.4 | 3.1 | 1.3 | 3.1 | 1.3 | 114.2 |
| 234 | 15:29:26 | N.D. | 4.7 | N.D. | 2.6 | N.D. | 5.4 | N.D. |
| 235 | 15:30:44 | N.D. | 4.0 | N.D. | 2.2 | N.D. | 4.6 | N.D. |
| 236 | 15:32:02 | N.D. | 4.7 | N.D. | 2.6 | N.D. | 5.4 | N.D. |
| 237 | 15:33:20 | N.D. | 3.3 | N.D. | 1.8 | N.D. | 3.8 | N.D. |
| 238 | 15:34:38 | N.D. | 3.8 | N.D. | 2.1 | N.D. | 4.3 | N.D. |
| 239 | 15:35:57 | N.D. | 3.3 | N.D. | 1.8 | N.D. | 3.8 | N.D. |
| 240 | 15:37:15 | 14.9 | 3.1 | N.D. | 1.7 | 14.9 | 3.1 | 58.1 |
| 241 | 15:38:33 | 11.2 | 2.9 | N.D. | 1.6 | 11.2 | 2.9 | 58.1 |
| 242 | 15:39:52 | 19.7 | 2.8 | N.D. | 1.6 | 19.7 | 2.8 | 58.1 |
| 243 | 15:41:08 | 10.0 | 2.7 | N.D. | 1.5 | 10.0 | 2.7 | 58.1 |
| 244 | 15:42:27 | N.D. | 3.5 | N.D. | 1.9 | N.D. | 4.0 | N.D. |
| 245 | 15:43:45 | 14.4 | 3.2 | 8.7 | 1.8 | 23.1 | 3.7 | 79.2 |
| 246 | 15:45:02 | N.D. | 3.2 | 3.6 | 1.8 | 3.6 | 1.8 | 114.2 |
| 247 | 15:46:19 | N.D. | 2.3 | N.D. | 1.3 | N.D. | 2.6 | N.D. |
| 248 | 15:47:38 | N.D. | 4.6 | N.D. | 2.5 | N.D. | 5.2 | N.D. |
| 249 | 15:48:55 | N.D. | 2.5 | N.D. | 1.4 | N.D. | 2.9 | N.D. |
| 250 | 15:50:14 | N.D. | 2.4 | N.D. | 1.3 | N.D. | 2.7 | N.D. |
| 251 | 15:51:30 | N.D. | 2.4 | N.D. | 1.3 | N.D. | 2.7 | N.D. |
| 252 | 15:52:49 | N.D. | 2.3 | 3.0 | 1.3 | 3.0 | 1.3 | 114.2 |
| 253 | 15:54:07 | 5.4 | 2.4 | 5.9 | 1.3 | 11.3 | 2.7 | 87.5 |
| 254 | 15:55:25 | N.D. | 3.0 | N.D. | 1.6 | N.D. | 3.4 | N.D. |
| 255 | 15:56:44 | N.D. | 3.9 | N.D. | 2.1 | N.D. | 4.4 | N.D. |
| 256 | 15:58:02 | N.D. | 3.3 | N.D. | 1.8 | N.D. | 3.8 | N.D. |

| Frame | Time | n-Butane | | n-Octane | | Alkane (ppb) | 2-Sigma (ppb) | Mean |
|-------|----------|---------------------|-----------|---------------------|-----------|--------------|---------------|--------------------|
| | | Concentration (ppb) | GOF (ppb) | Concentration (ppb) | GOF (ppb) | | | Mol. Mass (g/mole) |
| 257 | 15:59:21 | 8.3 | 2.8 | N.D. | 1.5 | 8.3 | 2.8 | 58.1 |
| 258 | 16:00:38 | N.D. | 3.0 | N.D. | 1.7 | N.D. | 3.4 | N.D. |
| 259 | 16:01:56 | N.D. | 3.4 | N.D. | 1.9 | N.D. | 3.9 | N.D. |
| 260 | 16:03:14 | N.D. | 3.1 | N.D. | 1.7 | N.D. | 3.5 | N.D. |
| 261 | 16:04:32 | N.D. | 5.5 | N.D. | 3.1 | N.D. | 6.3 | N.D. |
| 262 | 16:05:50 | N.D. | 3.7 | N.D. | 2.0 | N.D. | 4.2 | N.D. |
| 263 | 16:07:08 | N.D. | 7.9 | N.D. | 4.3 | N.D. | 9.0 | N.D. |
| 264 | 16:08:27 | N.D. | 2.9 | N.D. | 1.6 | N.D. | 3.3 | N.D. |
| 265 | 16:09:45 | N.D. | 2.9 | N.D. | 1.6 | N.D. | 3.3 | N.D. |
| 266 | 16:11:05 | N.D. | 2.8 | N.D. | 1.6 | N.D. | 3.2 | N.D. |
| 267 | 16:12:23 | N.D. | 6.1 | 10.2 | 3.3 | 10.2 | 3.3 | 114.2 |
| 268 | 16:13:43 | 8.1 | 3.3 | 9.9 | 1.8 | 18.0 | 3.8 | 89.1 |
| 269 | 16:15:03 | N.D. | 4.3 | N.D. | 2.4 | N.D. | 4.9 | N.D. |
| 270 | 16:16:21 | N.D. | 4.4 | 5.0 | 2.4 | 5.0 | 2.4 | 114.2 |
| 271 | 16:17:38 | N.D. | 3.7 | N.D. | 2.0 | N.D. | 4.2 | N.D. |
| 272 | 16:18:55 | N.D. | 3.9 | N.D. | 2.1 | N.D. | 4.4 | N.D. |
| 273 | 16:20:13 | N.D. | 4.3 | N.D. | 2.4 | N.D. | 4.9 | N.D. |
| 274 | 16:21:31 | N.D. | 3.4 | N.D. | 1.9 | N.D. | 3.9 | N.D. |
| 275 | 16:22:48 | N.D. | 3.8 | N.D. | 2.1 | N.D. | 4.3 | N.D. |
| 276 | 16:24:06 | N.D. | 3.6 | N.D. | 2.0 | N.D. | 4.1 | N.D. |
| 277 | 16:25:25 | N.D. | 3.3 | N.D. | 1.8 | N.D. | 3.8 | N.D. |
| 278 | 16:26:43 | N.D. | 3.8 | N.D. | 2.1 | N.D. | 4.3 | N.D. |
| 279 | 16:28:01 | 9.7 | 4.0 | N.D. | 2.2 | 9.7 | 4.0 | 58.1 |
| 280 | 16:29:21 | N.D. | 3.4 | N.D. | 1.9 | N.D. | 3.9 | N.D. |
| 281 | 16:30:40 | N.D. | 4.4 | N.D. | 2.4 | N.D. | 5.0 | N.D. |
| 282 | 16:31:58 | N.D. | 3.9 | N.D. | 2.1 | N.D. | 4.4 | N.D. |
| 283 | 16:33:16 | N.D. | 3.0 | N.D. | 1.6 | N.D. | 3.4 | N.D. |
| 284 | 16:34:36 | N.D. | 3.3 | N.D. | 1.8 | N.D. | 3.8 | N.D. |
| 285 | 16:35:55 | N.D. | 4.7 | N.D. | 2.6 | N.D. | 5.4 | N.D. |
| 286 | 16:37:13 | 12.5 | 3.8 | N.D. | 2.1 | 12.5 | 3.8 | 58.1 |
| 287 | 16:38:32 | N.D. | 2.9 | N.D. | 1.6 | N.D. | 3.3 | N.D. |
| 288 | 16:39:50 | N.D. | 5.0 | N.D. | 2.8 | N.D. | 5.7 | N.D. |
| 289 | 16:41:09 | N.D. | 3.8 | N.D. | 2.1 | N.D. | 4.3 | N.D. |
| 290 | 16:42:27 | N.D. | 3.5 | N.D. | 1.9 | N.D. | 4.0 | N.D. |
| 291 | 16:43:46 | N.D. | 4.4 | N.D. | 2.4 | N.D. | 5.0 | N.D. |
| 292 | 16:45:04 | 7.4 | 3.0 | N.D. | 1.6 | 7.4 | 3.0 | 58.1 |
| 293 | 16:46:22 | 76.1 | 5.6 | N.D. | 3.0 | 76.1 | 5.6 | 58.1 |